

ABSTRACT OF THE DISCLOSURE

Rays of light emitted from the semiconductor laser are converted into parallel rays of light by cylindrical lenses. Then, the light passed through the
5 cylindrical lenses is caused to enter an optical fiber changed continuously from a specific position in the middle toward an incidence end part in such a manner that the core shape at the incidence end part becomes elliptic, with the cross-sectional area remaining
10 unchanged.